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CENTRAL FAX CENTER****APR 11 2006****SYMYX TECHNOLOGIES, INC.  
3100 CENTRAL EXPRESSWAY  
SANTA CLARA, CA 95051  
PHONE: 408-720-2598  
FAX: 408-773-4029****FAX TRANSMITTAL SHEET**

<b>Date:</b>	<b>April 11, 2006</b>	<b>From:</b>	<b>James H. Ackley Reg. No. 45,695</b>
<b>To:</b>	<b>MAIL STOP AF Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450</b>	<b>Docket:</b>	<b>2002-061R1</b>
		<b>Fax No:</b>	<b>(571) 273-8300</b>

**Number of pages included in this fax: 14**

<b>In re Application of:</b>	<b>Chang et. al</b>	<b>Confirmation No.</b>	<b>4543</b>
<b>Serial No.:</b>	<b>10/689,775</b>	<b>Group Art Unit:</b>	<b>1713</b>
<b>Filed:</b>	<b>10/20/03</b>	<b>Examiner:</b>	<b>W. Cheung</b>
<b>For:</b>	<b>Olefin-Hydrophilic Block Copolymers of Controlled Sizes and Methods of Making and Using the Same</b>		

**Dear Sir:**

**Enclosed please find copies of the following documents to be filed regarding the above identified patent application:**

- **Transmittal (2 pages in duplicate)**
- **Response/Amendment E After Final (9 pages)**

**Please enter these into the file and contact us if necessary.**

**Respectfully Submitted,  
James H. Ackley  
Reg. No. 45,695**

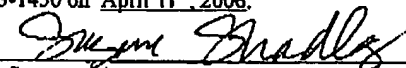
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Docket No. 2002-061R1  
PATENT

## CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office at facsimile number (571) 273-8300 addressed to: MAIL STOP AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 11, 2006.

BY:

  
Suzanne Shadley**RECEIVED**  
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**APR 11 2006**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Chang et. al

Serial No.: 10/689,775

Filed: 10/20/03

For: Olefin-Hydrophilic Block  
Copolymers of Controlled Sizes and  
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Same

Confirmation No. 4543

Group Art Unit: 1713

Examiner: W. Cheung

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450TRANSMITTAL LETTER

Sir:

Transmitted herewith (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Preliminary Amendment                       | <input type="checkbox"/> Supplemental Information Disclosure Statement |
| <input type="checkbox"/> Response/Amendment                          | <input type="checkbox"/> Petition Under 37 CFR 1.97(d)(2)              |
| <input checked="" type="checkbox"/> Response/Amendment E After Final | <input type="checkbox"/> Formal Drawings                               |
| <input type="checkbox"/> Supplemental Amendment                      | <input type="checkbox"/> Declaration Under 37 CFR 1.131                |
| <input type="checkbox"/> Affidavits/Declarations                     | <input type="checkbox"/> Declaration Under 37 CFR 1.132                |
| <input type="checkbox"/> Declaration and Power of Attorney           | <input type="checkbox"/> Terminal Disclaimer                           |
| <input type="checkbox"/> Supplemental Declaration                    | <input type="checkbox"/> Small Entity Statement                        |
| <input type="checkbox"/> Associate Power of Attorney                 | <input type="checkbox"/> Request for Refund                            |
| <input type="checkbox"/> Change of Correspondence Address            | <input type="checkbox"/> Appeal  |
| <input type="checkbox"/> Associate Power of Attorney                 | <input type="checkbox"/> Petition                                      |
| <input type="checkbox"/> Response to Missing Parts                   | <input type="checkbox"/> Status Letter                                 |

to be filed in the above-identified patent application.

☒ No fee is required.

Application No. 10/689,775

Docket No. 2002-061R1  
PATENT

[X] The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 C.F.R. § 1.16, in connection with the paper(s) transmitted herewith, or credit any overpayment of same, to Deposit Account No. 50-0496.

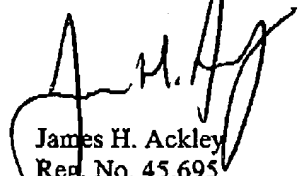
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Date:

4/11/06

Symyx Technologies, Inc.  
3100 Central Expressway  
Santa Clara, California 95051  
Tel.: (408) 720-2598  
Fax: (408) 773-4029

Respectfully submitted,



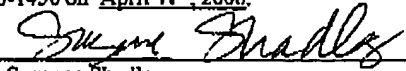
James H. Ackley  
Reg. No. 45,695  
Attorney for Applicant(s)

Docket No. 2002-061R1  
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Examiner: W. Cheung

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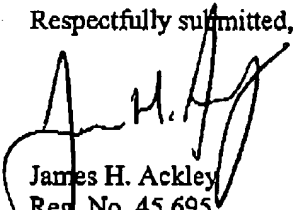
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Respectfully submitted,

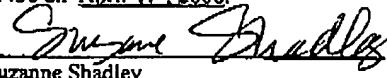
  
James H. Ackley  
Reg. No. 45,695  
Attorney for Applicant(s)

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Group Art Unit: 1713

Examiner: W. Cheung

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## AMENDMENT E AFTER FINAL

Sir:

This Amendment E is submitted in response to the Final Office action dated February 13, 2006. Applicants respectfully request reconsideration of the above-referenced patent application in view of the following amendments and remarks.

Please amend the above-identified application as follows. Amendments to the claims are requested as set forth below in the section entitled "Amendments to the Claims". Remarks relating to such amendments and responsive to the aforementioned Office action follow thereafter in the section entitled "Remarks".